

Environmental Protection Agency

§ 89.6

Tier 3 engine means an engine subject to the Tier 3 emission standards listed in § 89.112(a).

Ultimate purchaser means, with respect to any new nonroad engine, new nonroad vehicle, or new nonroad equipment, the first person who in good faith purchases such new nonroad engine, nonroad vehicle, or nonroad equipment for purposes other than resale.

United States means the States, the District of Columbia, the Commonwealth of Puerto Rico, the Commonwealth of the Northern Mariana Islands, Guam, American Samoa, and the U.S. Virgin Islands.

Used solely for competition means exhibiting features that are not easily removed and that would render its use other than in competition unsafe, impractical, or highly unlikely.

U.S.-directed production volume means the number of nonroad equipment, vehicle, or marine diesel engine units produced by a manufacturer for which the manufacturer has reasonable assurance that sale was or will be made to ultimate purchasers in the United States.

[59 FR 31335, June 17, 1994, as amended at 61 FR 52102, Oct. 4, 1996; 63 FR 18998, Apr. 16, 1998; 63 FR 56996, Oct. 23, 1998; 65 FR 73331, Dec. 29, 1999; 67 FR 68339, Nov. 8, 2002; 69 FR 39212, June 29, 2004; 70 FR 40444, July 13, 2005; 72 FR 53126, Sept. 18, 2007]

§ 89.3 Acronyms and abbreviations.

The following acronyms and abbreviations apply to part 89.

AECD Auxiliary emission control device
ASME American Society of Mechanical Engineers
ASTM American Society for Testing and Materials
CAA Clean Air Act
CAAA Clean Air Act Amendments of 1990
CI Compression-ignition
CO Carbon monoxide
CO₂ Carbon dioxide
EGR Exhaust gas recirculation
EPA Environmental Protection Agency
FEL Family emission limit
FTP Federal Test Procedure
g/kW-hr Grams per kilowatt hour
HC Hydrocarbons
ICI Independent Commercial Importer
kW Kilowatt
NIST National Institute for Standards and Testing
NMHC Nonmethane hydrocarbon

NTIS National Technical Information Service
NO Nitric oxide
NO₂ Nitrogen dioxide
NO_x Oxides of nitrogen
O₂ Oxygen
OEM Original equipment manufacturer
PM Particulate matter
SAE Society of Automotive Engineers
SEA Selective Enforcement Auditing
SI Spark-ignition
THC Total hydrocarbon
U.S.C. United States Code
VOC Volatile organic compounds

[59 FR 31335, June 17, 1994, as amended at 63 FR 56997, Oct. 23, 1998]

§ 89.4 [Reserved]

§ 89.5 Table and figure numbering; position.

(a) Tables for each subpart appear in an appendix at the end of the subpart. Tables are numbered consecutively by order of appearance in the appendix. The table title will indicate the model year (if applicable) and the topic.

(b) Figures for each subpart appear in an appendix at the end of the subpart. Figures are numbered consecutively by order of appearance in the appendix. The figure title will indicate the model year (if applicable) and the topic.

§ 89.6 Reference materials.

(a) *Incorporation by reference.* The documents in paragraph (b) of this section have been incorporated by reference. The incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be inspected at US EPA, OAR, 1200 Pennsylvania Ave., NW., Washington, DC 20460, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(b) The following paragraphs and tables set forth the material that has been incorporated by reference in this part.

(1) *ASTM material.* The following table sets forth material from the American Society for Testing and Materials which has been incorporated by reference. The first column lists the

§ 89.6

40 CFR Ch. I (7–1–08 Edition)

number and name of the material. The second column lists the section(s) of this part, other than § 89.6, in which the matter is referenced. The second column is presented for information only

and may not be all inclusive. Copies of these materials may be obtained from American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428–2959.

Document number and name	40 CFR part 89 reference
ASTM D86–97: "Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure" ...	Appendix A to Subpart D.
ASTM D93–97: "Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester"	Appendix A to Subpart D.
ASTM D129–95: "Standard Test Method for Sulfur in Petroleum Products (General Bomb Method)"	Appendix A to Subpart D.
ASTM D287–92: "Standard Test Method for API Gravity of Crude Petroleum and Petroleum Products" (Hydrometer Method).	Appendix A to Subpart D.
ASTM D445–97: "Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (the Calculation of Dynamic Viscosity)".	Appendix A to Subpart D.
ASTM D613–95: "Standard Test Method for Cetane Number of Diesel Fuel Oil"	Appendix A to Subpart D.
ASTM D1319–98: "Standard Test Method for Hydrocarbon Types in Liquid Petroleum Products by Fluorescent Indicator Adsorption".	Appendix A to Subpart D.
ASTM D2622–98: "Standard Test Method for Sulfur in Petroleum Products by Wavelength Dispersive X-ray Fluorescence Spectrometry".	Appendix A to Subpart D.
ASTM D5186–96: "Standard Test Method for "Determination of the Aromatic Content and Polynuclear Aromatic Content of Diesel Fuels and Aviation Turbine Fuels By Supercritical Fluid Chromatography".	Appendix A to Subpart D.
ASTM E29–93a: "Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications".	89.120; 89.207; 89.509.

(2) *SAE material.* The following table sets forth material from the Society of Automotive Engineers which has been incorporated by reference. The first column lists the number and name of the material. The second column lists the section(s) of this part, other than § 89.6, in which the matter is ref-

erenced. The second column is presented for information only and may not be all inclusive. Copies of these materials may be obtained from Society of Automotive Engineers International, 400 Commonwealth Dr., Warrendale, PA 15096–0001.

Document number and name	40 CFR part 89 reference
SAE J244 June 83: Recommended Practice for Measurement of Intake Air or Exhaust Gas Flow of Diesel Engines	89.416–96
SAE J1937 November 89: Recommended Practice for Engine Testing with Low Temperature Charge Air Cooler Systems in a Dynamometer Test Cell	89.327–96
SAE Paper 770141: Optimization of a Flame Ionization Detector for Determination of Hydrocarbon in Diluted Automotive Exhausts, Glenn D. Reschke	89.319–96

(3) *California Air Resources Board Test Procedure.* The following table sets forth material from the Title 13, California Code of Regulations, Sections 2420–2427, as amended by California Air Resources Board Resolution 92–2 and published in California Air Resources Board mail out #93–42, September 1,

1993) which has been incorporated by reference. The first column lists the number and name of the material. The second column lists the section(s) of this part, other than § 89.6, in which the matter is referenced. The second column is presented for information only and may not be all inclusive. Copies of

Environmental Protection Agency

§ 89.101

these materials may be obtained from Haagen-Smit Laboratory, 9528 Telstar
California Air Resources Board, Avenue, El Monte, CA 91731-2990.

Document number and name	40 CFR part 89 reference
California Regulations for New 1996 and Later Heavy-Duty Off-Road Diesel Cycle Engines	89.112-96 89.119-96 89.508-96

[59 FR 31335, June 17, 1994, as amended at 63 FR 56997, Oct. 23, 1998]

§ 89.7 Treatment of confidential information.

(a) Any manufacturer may assert that some or all of the information submitted pursuant to this part is entitled to confidential treatment as provided by part 2, subpart B of this chapter.

(b) Any claim of confidentiality must accompany the information at the time it is submitted to EPA.

(c) To assert that information submitted pursuant to this part is confidential, a manufacturer must indicate clearly the items of information claimed confidential by marking, circling, bracketing, stamping, or otherwise specifying the confidential information. Furthermore, EPA requests, but does not require, that the submitter also provide a second copy of its submittal from which all confidential information has been deleted. If a need arises to publicly release nonconfidential information, EPA will assume that the submitter has accurately deleted the confidential information from this second copy.

(d) If a claim is made that some or all of the information submitted pursuant to this part is entitled to confidential treatment, the information covered by that confidentiality claim will be disclosed by the Administrator only to the extent and by means of the procedures set forth in part 2, subpart B of this chapter.

(e) Information provided without a claim of confidentiality at the time of submission may be made available to the public by EPA without further notice to the submitter, in accordance with § 2.204(c)(2)(i)(A) of this chapter.

APPENDIX A TO SUBPART A OF PART 89— STATE REGULATION OF NONROAD INTERNAL COMBUSTION ENGINES

This appendix sets forth the Environmental Protection Agency's (EPA's) interpretation of the Clean Air Act regarding the authority of states to regulate the use and operation of nonroad engines.

EPA believes that states are not precluded under section 209 from regulating the use and operation of nonroad engines, such as regulations on hours of usage, daily mass emission limits, or sulfur limits on fuel; nor are permits regulating such operations precluded, once the engine is no longer new. EPA believes that states are precluded from requiring retrofitting of used nonroad engines except that states are permitted to adopt and enforce any such retrofitting requirements identical to California requirements which have been authorized by EPA under section 209 of the Clean Air Act.

[62 FR 67736, Dec. 30, 1997]

Subpart B—Emission Standards and Certification Provisions

§ 89.101 Applicability.

(a) The requirements of subpart B of this part are applicable to all new nonroad compression-ignition engines subject to the provisions of subpart A of this part 89, pursuant to the schedule delineated in § 89.102.

(b) In a given model year, you may ask us to approve the use of procedures for certification, labeling, reporting, and recordkeeping specified in 40 CFR part 1039 or 1068 instead of the comparable procedures specified in this part 89. We will approve the request as long as it does not prevent us from ensuring that you fully comply with the intent of this part.

[72 FR 53127, Sept. 18, 2007]